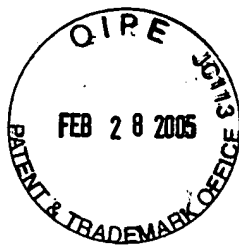


32692

Customer Number



Patent

Case No.: 58392US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: FAN, XUDONG

Application No.: 10/685208

Group Art Unit: 2828

Filed: October 14, 2003

Examiner: Unknown

Title: POROUS MICROSPHERE RESONATORS

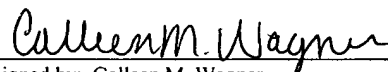
INFORMATION DISCLOSURE STATEMENT

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

I hereby certify that this correspondence is being:

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February 4, 2005
Date
Signed by: Colleen M. Wagner

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

Under 37 CFR § 1.97(e)(1), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

Under 37 CFR § 1.704(d), I hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual

designated in 37 CFR § 1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

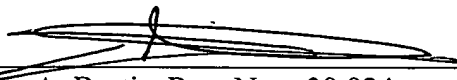
A copy of the Search Report from a foreign counterpart application is enclosed.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

February 7, 2005
Date

By:


John A. Burtis, Reg. No.: 39,924
Telephone No.: (651) 736-4235

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

Application Number

10/685208

Filing Date

October 14, 2003

First Named Inventor

Fan, Xudong

Art Unit

2828

Examiner Name

Unknown

Attorney Case Number

58392US002

OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	Boyd et al., "Sensitive disk resonator photonic biosensor", Applied Optics, Vol. 40, No. 31, November 1, 2001, pp. 5742-5747.	
	C2	Krioukov et al., "Sensor based on an integrated optical microcavity", Optics Letters, Vol. 27, No. 7, April 1, 2002, pp. 512-514	
	C3	Blair et al., "Resonant-enhanced evanescent-wave fluorescence biosensing with cylindrical optical cavities", Applied Optics, Vol. 40, No. 4, February 1, 2001, pp. 570-582.	
	C4	Yunfeng et al., "Chemical sensors based on hydrophobic porous sol-gel films and ATR-FTIR spectroscopy", Sensors and Actuators B, Elsevier Sequoia S.A., Vol. B36, No. 1, 2, and 3, October 1996, pp. 517-521.	
	C5	Crisan et al., "Sol-Gel Preparation of Thin Films for Integrated Optics", 10 th International Symposium on Electron Devices for Microwave and Optoelectronic Applications, 18.-19., November 2002, Manchester, UK., pp. 205-210.	
	C6	Coffer et al., "Strategies Toward the Development of Integrated Chemical Sensors Fabricated from Light Emitting Porous Silicon", Proceedings of the SPIE, Vol. 3226, 1997, pp. 168-179.	
	C7	Shibata et al., "Laser Emission from Dye-Doped Organic-Inorganic Particles of Microcavity Structure", Journal of Sol-Gel Science and Technology, Vol. 8, 1997, pp. 959-964.	
	C8	Wark et al., "Incorporation of organic dye molecules in nanoporous crystals for the development of hexagonal solid state microlasers", Proceedings of the SPIE, Vol. 4456, 2001, pp. 57-67.	
	C9	Pipino et al., "Evanescent wave cavity ring-down spectroscopy with a total-internal-reflection microcavity", Review of Scientific Instruments, American Institute of Physics, Vol. 68, No. 8, August 8, 1997, pp. 2978-2989.	

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.